



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: LEE, Yun Bok

GROUP ART UNIT: 2871

SERIAL NUMBER: 10/825,486

EXAMINER: Tai V. Duong

FILED: April 16, 2004

FOR: **ARRAY SUBSTRATE FOR IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE  
AND METHOD OF FABRICATING THE SAME**

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The Applicant(s) wish to make of record the references listed on the attached PTO/ SB/08. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/ SB/08.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- ☒ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



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PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

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|----------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|--------------------------|----------------|
| <b>Substitute for form 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                |
|                                                                                                                                              |   |    |   | Application Number       | 10/825,486     |
|                                                                                                                                              |   |    |   | Filing Date              | April 16, 2004 |
|                                                                                                                                              |   |    |   | First Named Inventor     | Lee, Yun Bok   |
|                                                                                                                                              |   |    |   | Art Unit                 | 2871           |
|                                                                                                                                              |   |    |   | Examiner Name            | Tai V. Duong   |
| Sheet                                                                                                                                        | 1 | of | 1 | Attorney Docket Number   | 8733.1026      |

| U.S. PATENT DOCUMENTS |                       |                                                             |                                |                                                    |                                                                                 |
|-----------------------|-----------------------|-------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | AA                    | 6243154 B1                                                  |                                |                                                    |                                                                                 |
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| FOREIGN PATENT DOCUMENTS |                       |                                                                                                              |                                |                                                    |                                                                                 |                |
|--------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|                          | BA                    | Japan - 09-230311                                                                                            | 09-05-1997                     | Semiconductor Energy Lab Co. Ltd                   | English Abstract                                                                |                |
|                          |                       | Japan - 2003-186017                                                                                          | 07-03-2003                     | Fujitsu Display Technologies Corp                  | English Abstract                                                                |                |
|                          |                       | Japan 2000-206553                                                                                            | 07-28-2000                     | Semiconductor Energy Lab Co Ltd                    | English Abstract                                                                |                |
|                          |                       | Japan - 2000-066621                                                                                          | 03-03-2000                     | Semiconductor Energy Lab Co Ltd                    | English Abstract                                                                |                |
|                          |                       | Japan - 11-174482                                                                                            | 07-02-1999                     | Sharp Corp                                         | English Abstract                                                                |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                       |                                                                                                                                                                                                                                                                 |                |
|---------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 | CA                    |                                                                                                                                                                                                                                                                 |                |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|